

## Abstract of the Disclosure

A method for repeating data transmission between a reception side and a transmission side in a radio communication system wherein the transmission side includes a first upper layer and a first layer 1 and the reception side includes a second upper layer and a second layer 1 includes the steps of: by the transmission side, measuring a radio environment; determining to perform repeated transmission or normal transmission based on a measurement result; and if it is determined to perform the repeated transmission, by the first upper layer of the transmission side, performing a first data processing; by the reception side, receiving data from the transmission side and determining if the repeated transmission or the normal transmission was performed; and if the repeated transmission was performed, by the second layer 1 of the reception side, performing a second data processing.